As a result of the reduction in display area **268** of display **204**, app icons **260** of second electronic device **200** may be altered or shifted on display **204**. As shown by comparison in FIGS. **26**A-**26**C, app icons **260** may be reduced from 24 app icons **260** displayed on display **204** (see, FIG. **26**A) to 20 displayed app icons **260** (see, FIGS. **26**B and **26**C). In a non-limiting example, all app icons **260** of second electronic device **200** may shift down, such that the row of app icons **260** positioned closest to button **206** (FIG. **5**A) of second electronic device **200** may now be displayed on a distinct app icons page of electronic device **200**. In another non-limiting example, the row of app icons **260** positioned furthest from button **206** and may be covered by first electronic device **100** may be moved to a distinct app icons page of electronic device **200**. As shown in FIG. **26**C, although display area **268** of display **204** may be reduced when inductive coil **112** of first electronic device **100** is in electrical communication within inductive coil **212** of second electronic device **200**, the reduced display area **268** may still be interacted with by a user of second electronic device **200**. As shown in FIG. **26**C, the first electronic device **100** may also present an indicator box **164** on display **104** which may provide a visual indicator to a user of the alignment between electronic devices **100**, **200**.

In an additional non-limiting embodiment and as discussed herein with respect to data transfer between electronic devices, first electronic device **100** may display app icons **260** of second electronic device **200** that may be otherwise covered by first electronic device **100**. As shown in FIGS. **26**A-C, inductive coil **112** of first electronic device **100** may be in electrical communication within inductive coil **212** of second electronic device **200** for receiving power from second electronic device **200**. Additionally, inductive coil **212** may transmit data to first electronic device **100**. The data transferred may include information associated with the app icons **260** that may be positioned in the row of app icons covered by first electronic device **100**. As similarly discussed herein with respect to FIG. **25**, first electronic device **100** may display the data transmitted by second electronic device **200**. In the example of FIG. **27**, first electronic device **100** may display the row of app icons **260** positioned furthest from button **206**, and may allow a user to interact with these app icons **260**. When a user interacts with the app icons **260** displayed on first electronic device **100**, the app icon **260** may be opened in display area **268** of display **204** of second electronic device **200**.

FIG. **28** depicts an example process for inductively charging a battery of an electronic device. Specifically, FIG. **28** is a flowchart depicting one example process **700** for inductively charging at least one electronic device using an external electronic device.

In operation **702**, an inductive coil of a first electronic device may be positioned adjacent to an inductive coil of a second electronic device. The positioning may further include positioning the first electronic device directly on the second electronic device, and aligning the inductive coil of the first electronic device with the inductive coil of the second electronic device. The inductive coils may be aligned when the inductive coils are in electrical communication with one another. The positioning of the inductive coil of the first electronic device adjacent the inductive coil of the second electronic device may also include coupling a group of alignment magnets positioned within both the first electronic device and the second electronic device.

In operation **704**, the inductive coil of the first electronic device may be configured. The configuring of the inductive coil of the first electronic device may include selecting the operational mode of the inductive coil using a controller coupled to the inductive coil. The operational mode of the inductive coil of the first electronic device may include a power receiving operational mode for wirelessly receiving power, which may be used to increase a charge of a battery of the first electronic device. The operational mode may also include a power transmitting operational mode for wirelessly receiving power, which may decrease the charge of the battery and/or draw power from an external power source, such as a wall outlet.

In operation **706**, the inductive coil of the second electronic device may be configured. The configuring of the inductive coil of the second electronic device may include selecting the operational mode of the inductive coil using a controller coupled to the inductive coil. The operational mode of the inductive coil of the second electronic device may include a power receiving operational mode for wirelessly receiving power, which may be used to increase a charge of a battery of the first electronic device. The operational mode may also include a power transmitting operational mode for wirelessly receiving power, which may decrease the charge of the battery and/or draw power from an external power source, such as a wall outlet.

In operation **708**, power may be wirelessly transmitted between the first electronic device and the second electronic device. More specifically, power may be transmitted from the inductive coil of the first electronic device to the inductive coil of the second electronic device, or from the inductive coil of the second electronic device to the inductive coil of the first electronic device. The transmission of power may be dependent on the operational mode of the inductive coil of the first electronic device and the second electronic device where the operational modes are distinct or different. As such, the transmitting of the power from the inductive coil of the first electronic device to the inductive coil of the second electronic device may further include determining if the inductive coil of the first electronic device is configured in a power transmitting operational mode, and determining if the inductive coil of the second electronic device is configured in a power receiving operational mode. Conversely, the transmitting of the power from the inductive coil of the second electronic device to the inductive coil of the first electronic device may further include determining if the inductive coil of the second electronic device is configured in a power transmitting operational mode, and determining if the inductive coil of the first electronic device is configured in a power receiving operational mode.

The foregoing description, for purposes of explanation, used specific nomenclature to provide a thorough understanding of the described embodiments. However, it will be apparent to one skilled in the art that the specific details are not required in order to practice the described embodiments. Thus, the foregoing descriptions of the specific embodiments described herein are presented for purposes of illustration and description. They are not intended to be exhaustive or to limit the embodiments to the precise forms disclosed. It will be apparent to one of ordinary skill in the art that many modifications and variations are possible in view of the above teachings.

What is claimed is:

1. A portable electronic device comprising:

an enclosure having a back surface and defining an opening opposite from the back surface;

a display positioned within the opening of the enclosure;

a first inductive coil and a second inductive coil positioned separate from the first inductive coil, both the first inductive coil and the second inductive coil being